Datometry Hyper-Q is a virtualization platform that lets enterprises move from Teradata to Azure Synapse. The power of virtualization means no extensive rewriting of SQL, yet all the benefits from the new platform. The new economic realities call for flexibility and elasticity of data management. On-premises data warehouses simply can’t provide that. And so, cloud data warehouses have become a critical building block of every enterprise’s data strategy. In addition, by replatforming to Azure Synapse, enterprises can integrate deeply with a rich ecosystem of vertical-specific solutions only available with Synapse.

THE PROBLEM
Replatforming applications from Teradata to another data warehouse is a daunting task. Conventional approaches are notoriously insufficient. They often balloon into projects that take up to 5 years; sometimes even longer. When rewriting a large body of SQL semantic differences between Teradata and the new destination data warehouse need to be reconciled. Frequently, the differences in SQL require alteration to the original application. This adds risk to timeline and quality. Strong dependencies on Teradata tools like Multi-Load or BTEQ create additional obstacles.

THE SOLUTION
Datometry Hyper-Q is a virtualization platform that makes existing applications interoperate with Azure Synapse. With Datometry, Synapse “speaks” Teradata natively. No extensive rewrites of SQL are required. Datometry emulates all commonly used Teradata SQL. Its coverage includes analytical SQL as well as advanced operational concepts such as stored procedures, macros, SET tables, etc. Because Hyper-Q returns results bit-identical to Teradata, it provides for highly effective side-by-side validation of old and new. With Datometry, enterprises can move to Azure rapid-
and take full advantage of Synapse immediately.

**COMPLETENESS OF SOLUTION**
Datometry Hyper-Q is a complete solution that’s got you covered. Starting with an up-front analysis of the Teradata system it guides you through implementation—all the way to decommissioning of the legacy system.

**Coverage**
Hyper-Q covers all commonly used Teradata SQL. Allowing even for unique use cases, customers can expect 99.5% coverage of Teradata SQL on average. Hyper-Q emulates the full spectrum: language, type system, and advanced concepts including pre-ISO/ANSI SQL.

**Scale & Performance**
Hyper-Q is optimized for Synapse to achieve maximum scale and performance. Its architecture supports even the most demanding installations. Designed for scalability and resource efficiency, Hyper-Q scales both horizontally and vertically.

**Tools & Utilities**
The Datometry Hyper-Q product suite includes fully compatible drop-in replacements for all frequently used Teradata tools. Hyper-Q liberates enterprises from dependencies on BTEQ, Fastload, Multi-Load, TPUMP, or drivers while providing bit-identical operations and results.

**BENEFITS**
Replatform from Teradata to Azure Synapse at a fraction of time, cost, and risk. Avoid disruption to the business and preserve long-standing investments in application development and analytics. By separating move and subsequent modernization, out-innovate your competition by rapidly moving to the cloud—without leaving any applications or business logic behind.

**CONTACT**
For further information about Datometry Hyper-Q or to schedule an in-depth analysis of your Teradata system contact Datometry at sales@datometry.com

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**ABOUT DATOMETRY**
Datometry is the data virtualization platform for the cloud. Our technology brings unprecedented simplicity to enterprises that want the benefits of modern cloud databases—without the complexity of reinventing existing applications and business processes. Find out more at [www.datometry.com](http://www.datometry.com)